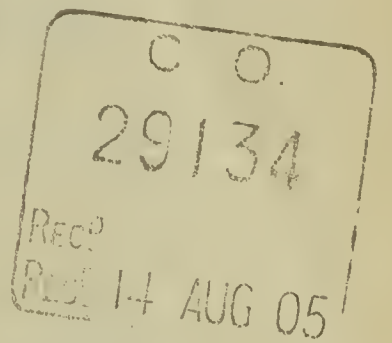


Federated Malay States.



THE MEDICAL REPORT

FOR THE

STATE OF NEGRI SEMBILAN,

1904.

RETURN OF THE STATISTICS OF POPULATION OF NEGRI SEMBILAN
FOR THE YEAR 1904.

						Europeans and Eurasians.	Chinese.	Malays.	Tamils.	Others.	Total.
No. of inhabitants in 1903	...	...	...	...	...	822	47,723	62,247	6,775	253	117,820
„ Births during the year 1904	...	...	...	...	...	15	207	2,216	65	13	2,516
„ Deaths „ 1904	...	...	...	...	...	6	1,406	1,542	262	31	3,247
„ Immigrants „ 1904	...	...	...	...	...	570	11,503	2,919	1,437	148	16,577
„ Emigrants „ 1904	...	...	...	...	...	629	10,010	2,658	1,548	68	14,913
„ Inhabitants in 1904	...	...	...	...	...	772	48,017	63,182	6,467	309	118,747
Increase	...	...	...	...	...	...	294	935	...	56	1,285
Decrease	...	...	...	...	...	50	...	...	308	...	358

METEOROLOGICAL RETURN OF NEGRI SEMBILAN * FOR THE YEAR 1904.

			Temperature.						Rainfall.		Winds.	
			Solar Maximum.	Minimum on Grass.	Shade Maximum.	Shade Minimum.	Range.	Mean.	Amount in Inches, Average, N. S.	Degree of Humidity.	General Direction.	Average force.
January	...	...	150	65	89	70	16	81	10.29	75	N.E.	Not recorded.
February	...	...	166	65	89	70	16	81	2.20	78	S.E.	
March	...	...	168	66	89	71	17	81	4.12	80	N.E.	
April	...	...	165	66	88	71	15	81	6.31	82	S.E.	
May	...	...	165	65	91	71	17	80	2.66	82	N.E.	
June	...	...	165	65	89	69	16	81	2.13	83	S.E.	
July	...	...	160	63	90	68	16	80	6.35	84	S.E.	
August	...	...	167	65	88	70	15	81	4.65	79	S.E.	
September	...	...	168	64	91	69	16	79	5.67	81	S.E.	
October	...	...	165	64	89	70	14	80	9.46	80	S.E.	
November	...	...	160	65	90	70	14	78	7.96	78	S.E.	
December	...	...	150	66	89	69	14	79	6.42	84	N.E.	
Mean	...	...	...	...	...	...	...	...	68.74			

* Seremban Station.

RETURN OF DISEASES AND DEATHS IN 1904 AT THE FOLLOWING
INSTITUTIONS:—

EUROPEAN AND GENERAL HOSPITAL AND GAOL, SEREMBAN, HOSPITAL MANTIN, THE
DISTRICT HOSPITALS AT TAMPIN, KUALA PILAH AND JELEBU, AND THE BERI-
BERI HOSPITAL AND DISPENSARY AT PORT DICKSON.

Diseases.						* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
							Admis- sions.	Deaths.		
GENERAL DISEASES.										
Small-pox	...	...	...	...	...	1	2	...	2	...
Chicken-pox	...	...	...	...	...	...	4	...	4	...
Measles	...	...	...	...	...	...	...	...	...	...
Typhus	...	...	...	...	...	...	...	...	...	...
Dengue	...	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	...	...	...	...	...	...	...
Plague	...	...	...	...	...	...	...	...	...	...
Mumps	...	...	...	...	...	...	2	...	2	...
Diphtheria	...	...	...	...	...	...	...	...	...	...
Febricula	...	...	...	...	...	...	...	...	...	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...
Cholera	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	...	...	...	24	436	120	460	15
Yellow Fever	...	...	...	...	...	...	...	...	...	...
Beri-beri	...	...	...	...	...	158	1,348	82	1,506	104
Malarial Fever—										
(a) Intermittent (out-stations)	...	...	...	...	...	11	671	28	682	24
Quotidian	...	...	...	...	...	...	...	...	...	...
Tertian, simple	...	...	...	...	...	17	466	4	483	8
Quartan	...	...	...	...	...	...	39	2	39	...
Irregular	...	...	...	...	...	...	...	...	...	...
Type undiagnosed	...	...	...	...	...	...	...	...	...	...
(b) Remittent	...	...	...	...	...	...	...	...	...	...
(c) Pernicious Malaria	...	...	...	...	...	...	153	32	153	9
Phagedæna—										
(a) Sloughing	...	...	...	...	...	2	2	...	4	...
(b) Hospital gangrene	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	1	...	1	...
Carried forward						213	3,124	268	3,337	260

* i.e., the year previous to that for which the Return is made.

† “Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year’s Return.

Diseases.						* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
							Admis- sions.	Deaths.		
GENERAL DISEASES---(cont.)										
Brought forward ...						213	3,124	268	3,337	160
Pyæmia						...	...	...	...	...
Septicæmia Puerperal						...	2	1	2	...
Tetanus						...	...	...	...	...
Tubercle						...	...	...	...	...
Leprosy						23	52	7	75	1
(a) Tubercular						...	...	...	...	...
(b) Anæsthetic						...	...	...	...	...
Yaws						...	...	...	...	...
Syphilis						8	56	3	64	9
(a) Primary						...	...	...	...	...
(b) Secondary						...	...	...	...	...
(c) Scrofula						...	3	...	3	...
Gonorrhœa						2	44	...	46	...
Hydrophobia						...	...	...	...	...
Scurvy						...	...	...	...	...
Alcoholism						...	2	...	2	...
Delirium Tremens						...	2	...	2	...
Rheumatic Fever						...	...	...	...	...
Rheumatism						14	206	...	220	15
Gout						...	...	...	...	...
New Growth, non-malignant						...	...	...	...	...
Do. malignant						...	2	2	2	...
Rickets						...	...	...	...	...
Anæmia						3	109	11	112	1
Old Age						...	6	5	6	...
Diabetes mellitus						...	...	...	...	...
Do. insipidus						...	...	...	...	...
Debility						6	100	22	106	13
Other Diseases						5	92	7	97	1
Carried forward ...						274	3,800	326	4,074	200

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	274	3,800	326	4,074	200
LOCAL DISEASES.					
NERVOUS SYSTEM.					
Sub-Section 1—					
Neuritis	...	1	...	1	...
Meningitis	...	2	2	2	...
Myelitis	...	...	...	...	...
Hydrocephalus	...	...	...	...	...
Encephalitis	...	...	...	...	...
Abscess of Brain	...	...	...	...	...
Concussion of Brain	...	2	1	2	...
Sub-Section 2—					
Apoplexy	...	1	1	1	...
Paralysis	1	6	...	7	3
Locomotor Ataxy	...	5	...	5	1
Chorea	...	...	...	...	...
Epilepsy	...	4	2	4	1
Neuralgia	...	...	...	...	...
Hysteria	...	...	...	...	...
Sub-Section 3—					
Idiocy	...	...	...	...	...
Mania	...	...	...	...	...
Melancholia	...	2	...	2	2
Dementia	...	...	...	...	...
Insanity	3	25	...	28	2
Other Diseases of the System	...	...	...	...	...
EYE.					
Conjunctiva—					
Conjunctivitis	...	...	...	...	...
Cornea—					
Keratitis	...	...	...	...	...
Ulceration	2	16	...	18	...
Ophthalmia	3	27	...	30	2
<i>Carried forward</i> ...	283	3,891	332	4,174	211

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	283	3,891	332	4,174	211
LOCAL DISEASES—(cont.)					
EYE—(cont.)					
Schlerotic—					
Staphyloma... ..	...	...	...	...	...
Iris—					
Iritis	1	2	...	3	1
Glaucoma	...	...	...	...	...
Hypopyon	...	...	...	...	...
Lens—					
Cataract	1	3	...	4	1
Eyelids—					
Entropion	...	...	...	...	...
Other Eye Diseases	...	8	...	8	4
EAR.					
Inflammation	...	...	...	...	...
Other Ear Diseases	...	8	...	8	...
NOSE.					
Inflammation	...	...	...	...	...
Other Nose Diseases	...	...	...	...	...
CIRCULATORY SYSTEM.					
Membranes—					
Pericarditis... ..	...	1	1	1	...
Endocarditis	...	...	...	...	...
Valvular Diseases	...	6	2	6	...
Muscular Substance—					
Hypertrophy	...	...	...	...	...
Dilatation	...	...	...	...	...
Other Diseases of the System	...	1	...	1	...
RESPIRATORY SYSTEM.					
Larynx—					
Laryngitis	...	2	...	2	1
<i>Carried forward</i> ...	285	3,922	335	4,207	218

* i.e., the year previous to that for which the Return is made.
† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.
‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	285	3,922	335	4,207	218
LOCAL DISEASES—(cont.)					
RESPIRATORY SYSTEM—(cont.)					
Bronchi—					
Bronchitis	6	80	2	86	6
Asthma	...	3	...	3	...
Lung—					
Congestion	...	...	...	...	...
Hæmoptysis	...	...	...	...	...
Pneumonia	4	99	33	103	2
Gangrene	...	1	1	1	...
Phthisis	2	105	59	107	21
Emphysema	...	...	...	...	...
Pleura—					
Pleurisy	...	5	...	5	1
Empyema	...	1	1	1	...
Other Diseases of the System	...	...	...	...	...
DIGESTIVE SYSTEM.					
Mouth—					
Stomatitis	...	5	...	5	...
Dental Periostium—					
Caris of Teeth	...	2	...	2	...
Gum-boil	...	3	...	3	...
Fauces—					
Tonsilitis	...	7	...	7	1
Stomach—					
Gastritis	...	7	...	7	...
Dyspepsia	1	34	...	35	5
Intestines—					
Appendicitis	...	2	...	2	...
Sprue	...	4	1	4	1
Hernia	...	3	...	3	...
Constipation	...	39	...	39	...
Diarrhœa	12	204	70	216	8
<i>Carried forward</i> ...	310	4,526	502	4,836	263

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	310	4,526	502	4,836	263
LOCAL DISEASES—(<i>cont.</i>)					
DIGESTIVE SYSTEM—(<i>cont.</i>)					
Rectum and Anus—					
Hemorrhoids	...	6	...	6	...
Fistula in Ano	...	4	...	4	...
Liver—					
Hepatitis	...	5	...	5	...
Abscess Liver	...	3	...	3	1
Cirrhosis	...	41	17	41	2
Congestion Liver	...	4	...	4	...
Jaundice	1	6	4	7	...
Peritoneum—					
Peritonitis	1	1	...	2	...
Ascites	...	...	...	...	...
Other Diseases of the System	1	12	...	13	1
LYMPHATIC SYSTEM.					
Spleen—					
Splenitis	7	50	3	57	1
Bubo	3	68	...	71	...
Lymphangitis	...	...	...	...	...
Elephantiasis	...	1	...	1	...
Other Diseases of the System	...	...	...	...	...
URINARY SYSTEM.					
Kidney—					
Acute Nephritis	...	...	...	...	...
Bright's Disease	...	51	9	51	2
Hæmaturia	...	1	...	1	...
Chyluria	...	...	...	...	...
Bladder—					
Cystitis	...	1	...	1	1
Calculus	...	1	...	1	...
Other Diseases of the System	...	1	1	1	...
<i>Carried forward</i> ...	323	4,782	536	5,105	271

* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	323	4,782	536	5,105	271
LOCAL DISEASES—(<i>cont.</i>)					
GENERATIVE SYSTEM.					
Urethra—					
Stricture	...	3	...	3	...
Prepuce—					
Phimosis	2	10	...	12	...
Paraphimosis	...	...	...	...	...
Penis—					
Soft Chancre	...	78	...	78	4
Scrotum—					
Sloughing Scrotum	1	...	...	1	...
Tunica Vaginalis—					
Hydrocele	1	2	...	3	...
Testicle—					
Orchitis	...	8	...	8	1
Epididymitis	...	...	...	...	...
Other Diseases (male)	...	4	...	4	...
Uterus—					
Metritis	...	1	...	1	...
Uterine Displacements	...	...	...	...	...
Amenorrhœa	...	...	...	...	...
Dysmenorrhœa	...	...	...	...	...
Menorrhagia	...	...	...	...	...
Leucorrhœa	...	...	...	...	...
Other Diseases (female)	...	8	1	8	...
ORGANS OF LOCOMOTION.					
Bones—					
Ostitis	...	...	...	...	...
Periostitis	...	...	...	...	...
Caries	...	...	...	...	...
Necrosis	1	1	...	2	...
<i>Carried forward</i> ...	328	4,897	537	5,225	276

* *i.e.*, the year previous to that for which the Return is made.

† “Total cases treated” will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year’s Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	328	4,897	537	5,225	276
LOCAL DISEASES—(cont.)					
ORGANS OF LOCOMOTION—(cont.)					
Joints—					
Synovitis	2	8	1	10	...
Ankylosis	...	1	1	1	...
Spine—					
Caries Spine	...	...	...	...	...
Curvature Spine	...	...	...	...	...
Muscles—					
Myalgia	...	...	...	...	...
Other Diseases	1	3	...	4	...
CONNECTIVE TISSUE.					
Cellulitis	1	25	...	26	...
Abscess	7	69	2	76	3
Gangrene	2	5	6	7	...
Other Diseases	...	...	...	...	...
SKIN.					
Eczema	...	23	...	23	...
Psoriasis	2	11	...	13	1
Herpes... ..	...	3	...	3	1
Do. Zoster... ..	...	...	...	...	...
Ulcer	69	1,280	11	1,349	107
Boil	...	1	...	1	...
Carbuncle	...	3	...	3	1
Onychia	1	...	...	1	...
Whitlow	2	1	...	3	...
Other Diseases	...	16	...	16	1
GENERAL INJURIES.					
Burns and Scalds	...	15	...	15	1
Sunstroke	...	...	...	...	...
Multiple Injury	...	...	...	...	...
Starvation	...	...	...	...	...
Shock	...	...	...	...	...
<i>Carried forward</i> ...	415	6,361	558	6,776	391

* i.e., the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

Diseases.	* Remaining in Hospital at end of 1903.	Yearly Total.		† Total Cases Treated.	‡ Remaining in Hospital at end of 1904.
		Admis- sions.	Deaths.		
<i>Brought forward</i> ...	415	6,361	558	6,776	391
LOCAL INJURIES.					
Burns and Scalds ...	...	...	...	...	...
Wounds ...	8	248	6	256	9
Sprains ...	1	6	...	7	...
Dislocations ...	...	3	...	3	...
Fractures, simple ...	2	21	...	23	1
Do. compound... ..	1	8	2	9	4
Do. skull	...	1	1	1	...
Other Injuries ...	...	30	3	30	3
Surgical Operations ...	...	...	...	...	...
POISONS.					
Malformations ...	...	...	...	...	...
Mercury ...	...	...	...	...	...
Alcohol ...	...	...	...	...	...
Opium... ..	...	...	...	...	...
Other Poisons... ..	...	...	...	...	...
Poisoned Wounds ...	...	2	1	2	...
PARASITES.					
Distomum Sinense ...	...	...	...	...	...
Tœnia Solium... ..	...	...	...	...	...
Ascaris Lumbricoides ...	...	...	...	...	...
Anchylostomum Duodenale ...	...	...	...	...	...
Oxyuris Vermicularis ...	...	...	...	...	...
Filaria Medinensis ...	...	...	...	...	...
Acarus Scabiei ...	...	24	...	24	1
Tinea Circinata ...	...	11	...	11	...
Other Parasites ...	...	19	...	19	...
Under Observation ...	...	1	...	1	...
TOTAL ...	427	6,735	571	7,162	409

* *i.e.*, the year previous to that for which the Return is made.

† "Total cases treated" will, of course, include those remaining in Hospital at the end of the previous year.

‡ The figures in this column to be carried on to the next year's Return.

FEDERATED MALAY STATES.

STATE OF NEGRI SEMBILAN.

REPORT ON THE MEDICAL DEPARTMENT FOR 1904.*

1. With the exception of small-pox the State has enjoyed its customary immunity from zymotic diseases. The epidemic of this disease, which began in Johol in the middle of 1903, ceased in February. Two sporadic cases occurred afterwards at Kuala Pilah, one in August, and one in November.

Beri-beri, the so-called endemic malady par excellence of these regions, showed great decline in mortality and a slight increase in prevalence.

During the year I forwarded a report to the Colonial Office on the subject of the cause of beri-beri, demonstrating it to be due to a grain-intoxication, and to be absolutely preventable by means which are practical, simple, and easily applied. It is to be hoped that in future I may record the total disappearance of this hideous malady from our midst, as the fruition of means taken by Government for its prevention on the lines I advocate.

A new column appears in one of my returns (G) showing the real prevalence of the disorder during the last four years. The incidence is gauged in the only way in which it can properly be estimated—viz., by ascertaining the proportion of cases of it to the number of patients of Chinese nationality only admitted. For all other races together never furnish as much as 3 per cent. of the cases.

2. The department continued to be greatly undermanned. Dr. J. S. Part, Assistant Immigration Agent, was in charge during the year, the present writer being absent on leave. He was assisted by Dr. W. S. Milne, Second Assistant of the Institute for Medical Research. The general results obtained speak well for the work done by these officers.

The Assistant Surgeon at Tampin, whose work proved to be unsatisfactory, was dismissed the service during the year. Three probationers resigned the service; and at the time of writing the appointments of five Assistant Surgeons and five Dressers remain vacant.

For 580 beds, in eight hospitals, nearly always fully occupied, the total service was two qualified Surgeons, one Apothecary, twelve Dressers, and two Probationers.

3. There has been a general increase of work done, both in- and out-door patients have been more numerous; 7,162 in-patients against 5,250 the previous year, and 10,182 out-door against 6,936.

4. The mean case-mortality for all hospitals was 7.9 per cent. compared with 7.8 in 1903. This rate include all deaths. But the mortality, excluding deaths occurring within 48 hours of admission, was only 5.9 per cent. Of all the (751) deaths which took place in the different hospitals during the year, 27 per cent. died within 48 hours. At Seremban, where nearly one-third (32 per cent.) of the total deaths occurred within this short period, the cases in which this event happened were mostly malignant fever admitted unconscious, or acute beri-beries in profound collapse.

5. The disorders principally treated in the hospitals were, in order of frequency, beri-beri, fevers, ulcers, dysentery, diarrhœa, and debility.

RELATIVE MORTALITY.

6. The relative mortality of diseases treated was:

Diarrhœa,	32.04 per cent.	!	Debility,	20.9 per cent.
Pulmonary diseases,	30.05 „ „		Beri-beri,	07.7 „ „
Dysentery,	26.10 „ „		Fevers,	04.8 „ „

These percentages include cases admitted moribund and dying in hospital within a few hours of admission.

7. Beri-beri shows an increase of cases with a decrease of mortality, as compared with the previous year. The total number treated was 1,506 and the death-rate 5.4 per cent., which includes deaths within 48 hours. The mortality, excluding these deaths, stands at 3.9 per cent. Appendix G shows the number of beri-beri cases treated each year since 1897 with the respective death-rates.

PARTICULAR HOSPITALS.

SEREMBAN EUROPEAN HOSPITAL. (FIRST AND SECOND CLASS WARDS).

8. Total treated 66. Mortality 3 per cent. Nationalities treated were as follows:—Europeans and Eurasians, 28, deaths, nil; Chinese, 3, deaths, 1; Malays, 4, deaths, nil; Tamils, 23, deaths, 1; other nationalities, 3, deaths, nil.

* Appendices not printed.

SEREMBAN GENERAL AND PAUPER HOSPITALS.

9. Admissions 3,589, mortality 9.02 per cent., an increase of 818 admissions, and a very small increase of mortality (1 per 1,000) as compared with the previous year. Acting District Surgeon, Dr W. S. Milne, and Apothecary, R. Van Geyzel, were in charge during the year.

SEREMBAN GAOL INFIRMARY.

10. Sickness-rate 164 per mille. against 74 last year. Mortality of cases treated 3.7 per cent. against 5.3 in 1903, and 10.8 in 1902.

There were 6 deaths, one each from dysentery, beri-beri, heart disease, pneumonia, diarrhœa, and apoplexy. Dresser-in-charge, A. Jahaniah.

BERI-BERI HOSPITAL.

11. Admission 376, mortality 5.7 per cent., increase of 113 admissions, and of mortality by 1.7 per cent., of 25 deaths which occurred here during the year, 10 were from beri-beri; 15 from other causes.

The gross mortality of patients admitted from beri-beri was 3.3 per cent., as compared with 7.09 the previous year. Deducting deaths occurring within 48 hours, it was 2.4 per cent.

JELEBU HOSPITAL.

12. Admissions 701, mortality 8.6 per cent., an increase of 13 admissions and a slight increase of mortality, which was 7.9 last year. Dresser-in-charge, T. Kanapathi Pillai.

KUALA PILAH HOSPITAL.

13. Admissions 625, mortality 5.8 per cent. The admissions last year were 626, mortality 8.8 per cent. Dresser-in-charge, P. Labrooy.

14. Admission, 1,095, mortality 7.1. There has been a large increase of admissions in this hospital, 603 more than last year, and a decrease in the mortality which then was 9.7 per cent. Assistant Surgeon H. T. Copcutt was in charge from January to August, and Dresser A. Wadumistri till the end of the year.

MANTIN HOSPITAL.

15. This hospital was opened in October. There were 103 admissions for the year. Mortality 4.1 per cent. Dresser-in-charge, P. P. Chient.

PORT DICKSON DISPENSARY.

16. At this institution 549 cases, including revisits, were attended to as out-patients, against 510 in 1903.

Return D. Appendix shows the number of out-door patients treated at Seremban, and the other district hospitals for the years 1899 to 1904.

VACCINATION.

17. Owing to an unusual and deplorable failure in the vitality of the lymph sent from Saigon in September, nearly all the inoculations made after that month were failures. The ordinary vaccinator having been given 7½ months leave, two Malay Natives were employed, with indifferent success.

The inoculations made before September were 1,073, of which 2 per cent. only were failures; after September among cases seen 87 per cent. were failures, 19 per cent. were not seen.

METEOROLOGICAL.

18. The year was not a wet one. There were 68.24 inches of rain (average for the whole State) compared with 62.70 inches in 1903. The rainiest district was Port Dickson, with a total of 78.75 inches. The least rainy was Jelebu—57.36 inches.

The greatest fall on any one day was at Kuala Pilah 5.17 inches on 11th January, 1904.

The maximum temperature registered was 91° F. at Seremban in May. The minimum, 68° F. at Seremban in July.

W. L. BRADDON,
State Surgeon, Negri Sembilan.